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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **Takuya HIRANO**

Group Art Unit: 2135

Serial No.: 09/787,029

Examiner: **Odaiche T. Akpati**

Filed: **March 13, 2001**

Confirmation No.: 8139

For: **QUANTUM CIPHER COMMUNICATION SYSTEM**

Attorney Docket Number: 010294

Customer Number: 38834

**INFORMATION DISCLOSURE STATEMENT**  
**PURSUANT TO 37 C.F.R. 1.97(c)(2)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

November 2, 2004

Sir:

Applicant directs the attention of the Patent and Trademark Office to the documents listed on the attached Form PTO-1449. A copy of each listed document is attached.

This Information Disclosure Statement is being submitted after issuance of a first official action on the merits and expiration of the three month period following the filing date or the entry of the national stage for the above-captioned application, but prior to issuance of either a final official action or a Notice of Allowance. A check is attached hereto which covers the \$180.00 fee set forth in 37 C.F.R. §1.17(p).

11/03/2004 RFEKADU1 00000054 09787029

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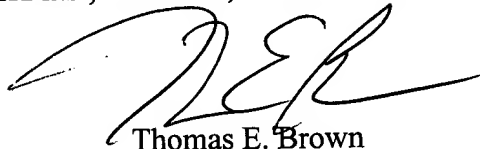
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If there are any fees due in connection with the filing of this paper, please charge Deposit

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Respectfully submitted,

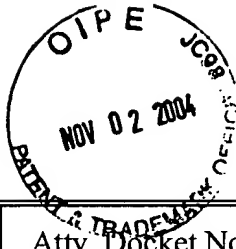
**WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP**

A handwritten signature in black ink, appearing to read 'TEB', is written over the printed name of Thomas E. Brown.

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Enclosures: PTO-1449  
References (3)  
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	Applicant(s): Takuya HIRANO	
	Filing Date: March 13, 2001	Group Art Unit: 2135

### U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)

### FOREIGN PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Country	Translation (Yes or No)

### OTHER DOCUMENTS

	AA	John F. Clauser et al., " <i>Experimental consequences of objective local theories</i> ", Physical Review D, Vol. 10, No. 2, July 15, 1974, pp. 526-535
	AB	R. Namiki et al. " <i>Security of quantum cryptography using balanced homodyne detection</i> ", The American Physical Society, Physical Review A 67, February 24 2003, pp.022308-1 to 022308-7
	AC	R. Namiki et al, " <i>Practical Limitation for Continuous-Variable Quantum Cryptography using Coherent States</i> ", The American Physical Society, Physical Review Letters, Vol. 92, No. 11, March 16, 2004, pp. 117901-1 to 117091-4
Examiner		Date Considered